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 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
PATENT APPLICATION FEE DETERMINATION RECORD
 Substitute for Form PTO-678

Application Product Number

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CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.180(i))		
TOTAL CLAIMS (37 CFR 1.18(c))	minus 20 =	•
INDEPENDENT CLAIMS (37 CFR 1.18(d))	minus 3 =	•
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.180(i))		

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	FEE
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x \$	
+ \$	
TOTAL	

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CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.180(i))	12	minus 20	• 8
Independent (37 CFR 1.180(i))	2	minus 3	• 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.180(i))			

SMALL ENTITY

OR

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RATE	ADDITIONAL FEE
x \$	
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TOTAL ADD'L FEE	

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2/23/06

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.180(i))	12	minus 20	• -
Independent (37 CFR 1.180(i))	2	minus 3	• -
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.180(i))			

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

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7-17-06

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.180(i))	12	minus 20	• 1
Independent (37 CFR 1.180(i))	2	minus 3	• 1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.180(i))			

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

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- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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